Christian Copic

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Education

The University of Arizona — Tucson, AZ
B.S. Electrical & Computer Engineering - GPA: 4.0 — August 2019 - May 2023
Minor in Statistics & Data Science

Work Experience

Micron Technology — Boise, ID
DRAM Product Engineer Intern — May 2021 - August 2021

- Provided a reliability assessment of new High Performance CMOS devices in LPDDR5 memory
- Created an improved python script to parse through the reliability data that was 28 times faster with a better algorithm for transistor fail detection
- Leveraged JMP to create Weibull plots to analyze parsed data and verify that the new CMOS technology would last Micron's product warranty

The University of Arizona - Physics Department — Tucson, AZ
Preceptor for Physics E&M — Jan 2021 - May 2021

- Managed 25 students on a weekly basis as they completed their discussion worksheets
- Taught students basic electricity and magnetism concepts, corrected any misconceptions, and improved their problem solving skills
- Collaborated with graduate students to grade the students' worksheets

Clubs

Formula Society of Automotive Engineers — Tucson, AZ
Electronics Subteam - Wiring Harness Lead — August 2019 - Present

- Transitioned the car to a brand new ECU and assisted in tuning the engine
- Created an excel document to help categorize the pin-outs and purposes of all the wires
- Built a layout of the car's harness in Rapid Harness to have a digital documentation of how the whole assembly connects together

Covid Projects

Stock Analyzer — Summer 2020

- Built a stock analyzer in Python that would web scrape for stocks that met several valuation measures set by the user
- Exported the stocks into an excel file along with a link to the most recent 10-K report for further review

Skills

Programming Languages: C & C++, Python, Java, Verilog
Statistical Tools: Python, R, JMP
Software: Microsoft Office, Vivado, PSpice, Linux/Unix systems